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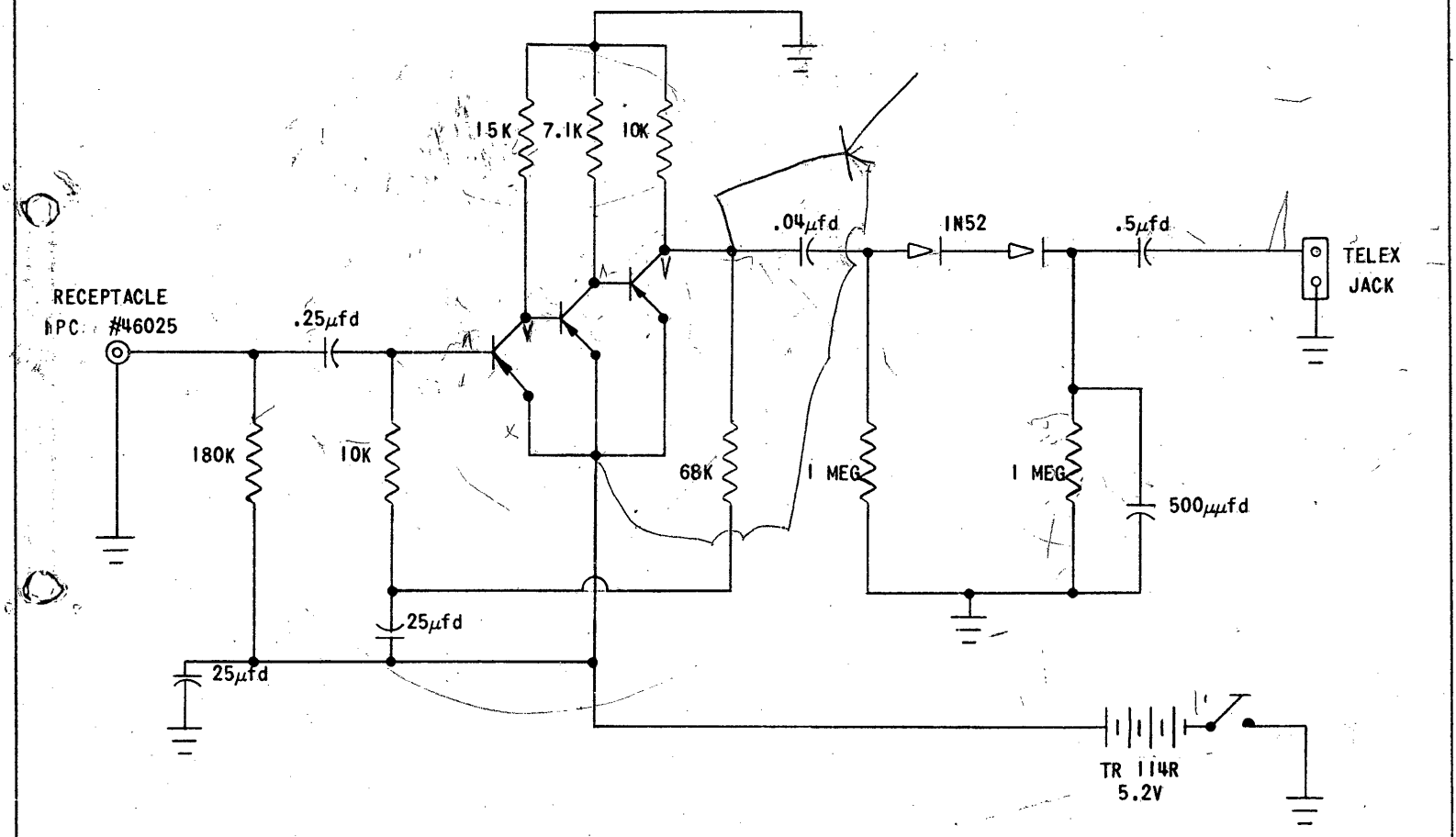
SBT's = SB100
XTAL BIAS = 28μA

E/VA-3X - VIDEO AMPLIFIER



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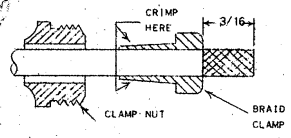
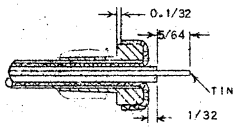
CABLE ASSEMBLEY INSTRUCTIONS
TYPE MB AND SM STRAIGHT PLUGS

MB NUMBER 45275

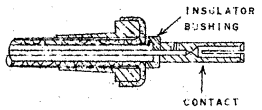
95-OHM MINIATURE CABLES OF .120 DIAMETER OVER SHEATH



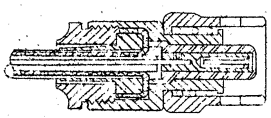
1. INSERT CLAMP NUT OVER CABLE. INSERT BRAID CLAMP OVER CABLE JACKET. DO NOT EXCESSIVELY DISTORT SLOTTED END SINCE CLAMP NUT MUST RIDE FREELY OVER CRIMPED PORTION. REMOVE CABLE JACKET BACK TO END OF BRAID CLAMP.



2. COMB OUT BRAID WIRES. FORM BACK OVER BRAID CLAMP, AND TRIM TO LENGTH. CUT OFF CABLE DIELECTRIC AS SHOWN. CUT INNER CONDUCTOR TO 5/64 AND TIN.



3. INSERT INSULATOR BUSHING OVER CONDUCTOR. TIN END OF CONTACT HOLE AND SWEAT CONTACT TO CONDUCTOR. OUTSIDE SURFACE OF CONTACT MUST BE FREE OF SOLDER.

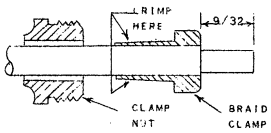


4. INSERT INSULATOR OVER CONTACT. INSERT ASSEMBLEY LESS CLAMP NUT INTO PLUG BODY AND ROTATE SLIGHTLY TO MAKE SURE BRAID CLAMP IS SEATED. THREAD CLAMP NUT INTO BODY AND TIGHTEN NUT BY HOLDING KNURLED PORTION OF BODY WITH SOFT NOSE PLIERS.

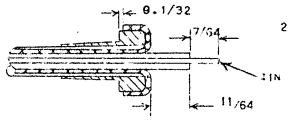
CABLE ASSEMBLY INSTRUCTIONS
TYPE MB ANGLE PLUGS

NUMBER 45300

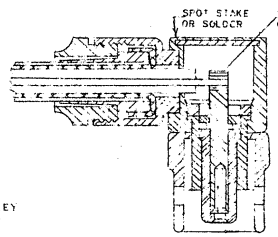
95-OHM MINIATURE CABLES OF .120 DIAMETER OVER SHEATH



1. INSERT CLAMP NUT OVER CABLE. INSERT BRAID CLAMP OVER CABLE JACKET, PLACE AT DIMENSION SHOWN, AND WITH PLIERS CRIMP SLOTTED END INTO CABLE JACKET. DO NOT EXCESSIVELY DISTORT SLOTTED END. CLAMP NUT MUST RIDE FREELY OVER CRIMPED PORTION. REMOVE CABLE JACKET BACK TO END OF BRAID CLAMP.



2. COMB OUT BRAID WIRES. FORM BACK OVER BRAID CLAMP, AND TRIM TO LENGTH. CUT OFF CABLE DIELECTRIC AS SHOWN. CUT INNER CONDUCTOR TO 7/64 AND TIN.



3. INSERT ASSEMBLY, LESS CLAMP NUT INTO ANGLE PLUG BODY AND ROTATE SLIGHTLY TO MAKE SURE BRAID CLAMP IS SEATED. THREAD CLAMP NUT INTO BODY AND TIGHTEN NUT. WITH CAP REMOVED, SOLDER CONDUCTOR IN SLOT OF ANGLE PLUG CONTACT. INSERT CAP IN HOLE AND SPOT STAKE TO RETAIN CAP.

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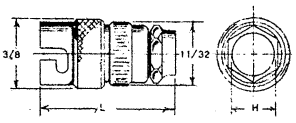
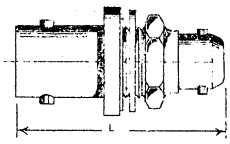


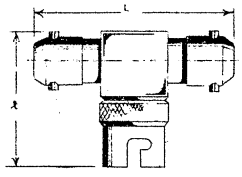
PLUGS

IPC NO.	INSULATOR	DIMENSIONS L	DIMENSIONS H	FOR USE WITH CABLE RG-(T/J)*	NOTES
45275	KEL-F	3/4	.129	.120	JACK CLAMP



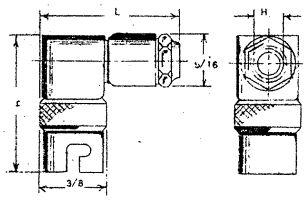
ADAPTERS TO OTHER SERIES *

IPC NO.	INSULATOR	DIMENSIONS L	NOTES
47200	TEFLON	1 1/8	MB FEMALE--BNC FEMALE, 3/8 D HOLE, PRESSURIZED



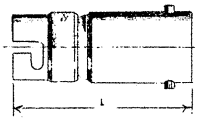
TEE ADAPTERS *

IPC. NO.	INSULATOR	DIMENSIONS L	DIMENSIONS l	NOTES
47325	KEL--F	1 1/32	3/4	ONE MALE, TWO FEMALE



ANGLE PLUGS

IPC NO.	INSULATOR	DIMENSIONS L	DIMENSIONS l	DIMENSIONS H	FOR USE WITH CABLE RG-(T/J)*	NOTES
45300	KEL-F	3/4	27/32	.129	.120	JACK CLAMP

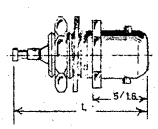


ADAPTERS TO OTER SERIES *

IPC NO.	INSULATOR	DIMENSIONS L	NOTES
47250	TEFLON	15/16	MB MALE--BNC FEMALE
47275	TEFLON	1	MB FEMALE--BNC MALE

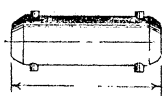
* ADAPTERS

THE TERMINAL ENDS OF EACH ADAPTER ARE DEFINED IN THE NOTES COLUMN BY TYPE AND MALE AND FEMALE KIND. TO AVOID CONFUSION IN NOTE CAREFULLY THE FOLLOWING: THE STATEMENTS IN THE NOTES COLUMN REFER TO THE ADAPTER ITSELF. FOR EXAMPLE, THE WORDS MB FEMALE--BNC MALE INDICATE THAT ONE TERMINAL END OF THE ADAPTER IS TYPE MB FEMALE AND THAT THE OTER TERMINAL END IS TYPE BNC MALE, THEREFORE THIS ADAPTER WOULD PERMIT COUPLING A MB PLUG TO A BNC RECEPTACLE.



RECEPTACLES, SINGLE HOLE MOUNT

IPC NO.	INSULATOR	DIMENSIONS L	NOTES
46025	KEL-F	11/16	PRESSURIZED



STRAIGHT ADAPTERS *

IPC NO.	INSULATOR	DIMENSIONS L	NOTES
47300	GLASS	3/8	TWO FEMALE ENDS, 3/8 D HOLE, PRESSURIZED, UP TO .170 PANEL

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U. S. GOVERNMENT PRINTING OFFICE : 1954

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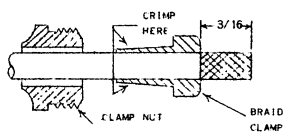
CABLE ASSEMBLEY INSTRUCTIONS
TYPE MB AND SM STRAIGHT PLUGS

MB NUMBER 45275

95..OHM MINIATURE CABLES OF .120 DIAMETER OVER SHEATH



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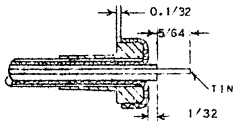

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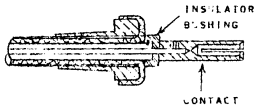

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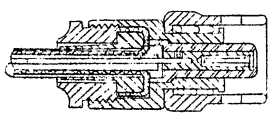

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CABLE ASSEMBLY INSTRUCTIONS
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NUMBER 45300

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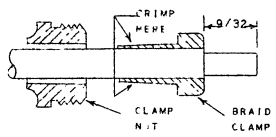

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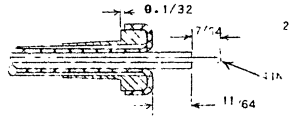

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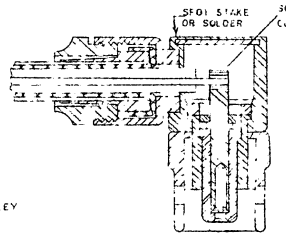

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ENGINEER	SCALE
DRAWN BY	DATE
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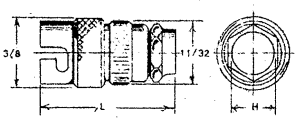
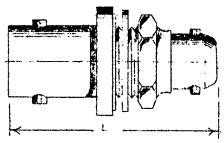


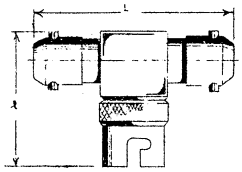
PLUGS

IPC NO.	INSULATOR	DIMENSIONS L	H	FOR USE WITH CABLE RG-(1/4"	NOTES
45275	KEL-F	3/4	.129	.120	JACK CLAMP



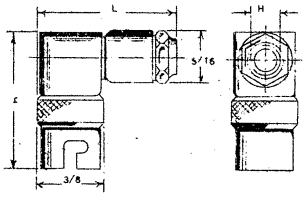
ADAPTERS TO OTHER SERIES *

IPC NO.	INSULATOR	DIMENSIONS L	NOTES
47200	TEFLON	1 1/8	MB FEMALE--BNC FEMALE, 3/8 D HOLE, PRESSURIZED



TEE ADAPTERS *

IPC. NO.	INSULATOR	DIMENSIONS L	L	NOTES
47325	KEL--F	1 1/32	3/4	ONE MALE, TWO FEMALE



ANGLE PLUGS

IPC NO.	INSULATOR	DIMENSIONS L	L	H	FOR USE WITH CABLE RG-(1/U*	NOTES
45300	KEL-F	3/4	27/32	.129	.120	JACK CLAMP

ADAPTERS TO OTER SERIES *

IPC NO.	INSULATOR	DIMENSIONS L	NOTES
47250	TEFLON	15/16	MB MALE--BNC FEMALE
47275	TEFLON	1	MB FEMALE--BNC MALE

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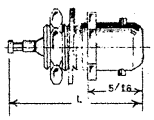
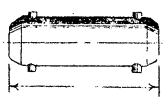


RECEPTACLES, SINGLE HOLE MOUNT

IPC NO.	INSULATOR	DIMENSIONS L	NOTES
46025	KEL-F	11/16	PRESSURIZED



STRAIGHT ADAPTERS *

IPC NO.	INSULATOR	DIMENSIONS L	NOTES
47300	GLASS	3/8	TWO FEMALE ENDS, 3/8 D HOLE, PRESSURIZED, UP TO .170 PANEL

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DESIGNED BY:	SCALE:
DRAWN BY: R.E.M.	DATE: 27 SEPT. 1955
CHECKED BY:	DWG. NO.
APPROVED BY:	

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